

NM SPECT, VAMC HINES, IL, PO# 578-B78020

Ship To:

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Email:

Ln	Spectrum-Dynamics P/N Description	Quantity
1	D-SPECT-L™ CARDIAC SCANNER, 110V See below for Description	1
2	S/W Cedars QPS+QGS v2017 See below for Description	1
3	S/W Cedars QBS v2017 See below for Description	2
4	S/W CEDARS CSIImport See below for Description	1
5	D-SPECT, ADDITIONAL VIEWING STATION,110V See below for Description	1
6	2 Accessories, Chair, Seat Belt set of 2 See below for Description	1
7	Accessories, Chair, Plastic Leg Cover See below for Description	1
8	JASZCZAK PHANTOM FIXTURE See below for Description	1
9	Training, Applications, 3 Days, On-Site	1

Description for Ln 1. D-SPECT-L™ CARDIAC SCANNER, 110V

The D-SPECT-L Camera is a dedicated nuclear cardiology solid state gamma camera for fast imaging, with superior performance in sensitivity and resolution

Imaging Room Module:

6 independently controlled CZT based solid state detectors

Tungsten collimators

Gated SPECT acquisitions can be completed in as fast as 3 minutes

Small, compact system

Patient chair/bed with a weight limit up 1000 lb/454 kg

Upright and supine imaging

Built in diagnostic tools

D-SPECT calibration accessory kit

D-SPECT Acquisition Station

D-SPECT acquisition applications software Windows 7 Professional with i7 processor and 8GB ram

Automated protocol setup using SmartR (RFID based) technology

Local data HD dedicated for Windows (minimum 500 GB HDD)

Local data HD dedicated for D-Spect acquired patients (minimum 500GB HDD)

19" LCD Monitor with 1280 x 1024 resolution

CD/DVD RW

Acquisition QC tools

Patient database

Daily QC application software

IVY Biomedical Model 3000 Cardiac Trigger Monitor*

*Spectrum reserves the right to substitute an equivalent make and model, if the 3000 is unavailable.

POWERVER Uninterruptible Power Manager Model # ABCE1440-11IEC kva rating at 1.44kva

Processing module:

D-SPECT Processing Station

D-SPECT processing software Windows 7 Professional with i7 processor and 8GB ram

D-SPECT proprietary reconstruction software

Local data HD dedicated for Windows 7 (minimum 500 GB HDD)

Local data HD dedicated for D-Spect processing station (minimum 500 GB HDD)

24" LCD Monitor with 1920 x 1200 resolution

Easy-to-use GUI (graphical user interface)

Patient DICOM CD application-conforms with DICOM 3.0 standard

R-SCAN System module:

This configuration includes an unlimited number of sequential gated and non-gated spect procedures.

This excludes Dynamic SPECT and SDI procedures.

RScan system includes:

RScan laptop

RScan application software package

Includes 3 days of on site applications training that must be used in a consecutive day format.

It is highly recommended to dedicate 1 or 2 technologists during the entire training.

**** Note: Specifications are subject to change without notice.**

****Quantitative Software is NOT included****

Description for Ln 2. S/W Cedars QPS+QGS v2017

This application includes QGS, QPS, Plus pack & Companion to provides cardiac function and perfusion quantitation using gated and ungated MPI datasets: ED and ES volumes, ejection fraction, and perfusion measures such as SSS/SRS/SDS and TPD.

The image data can be viewed in a variety of modes, from selected slices in a 2D view to a rendered 3D surface of the myocardium with parametric maps (perfusion, motion, thickening and regional EF).

Kinetic Analysis

-Allows for the processing of dynamic coronary flow and coronary flow reserve data

Description for Ln 3. S/W Cedars QBS v2017

An interactive standalone application for the automatic segmentation and quantification of gated short axis blood pool (red blood cells, RBC), SPECT.

Description for Ln 4. S/W CEDARS CSImport

CSImport is a data management utility that also serves as launcher for any of the Cedars-Sinai Cardiac Suite software applications. Included is QGS+QPS, Companion & PlusPack.

The program maintains a local database of medical images that can be imported from a variety of sources, and provides the user with an array of data management options.

In addition, the user can select folders or datasets to be passed to the cardiac quantification programs, QGS, QPS, or QBS.

CSimport can also be used to launch QARG, the front-end to the ARG reporting system.

Recommended System requirements:

4 GB Ram

100 MB Hard disk space*

Resolution of at least 1280x1024 with 32-bit color

Network adapter

Mouse (or other pointer device)

*Program runs on customer provided computer

*Hard disk space for installation only;

-CSImport patient data is stored natively; approximately (10MB per study)

-1GB for every 300 studies in ARG

Description for Ln 5. D-SPECT, ADDITIONAL VIEWING STATION,110V

D-SPECT Viewing Station features:

- Windows 7 Professional with i7 processor and 8GB ram
- D-SPECT Viewing software
- Local data HD dedicated for Windows (500 GB HDD)
- Local data HD dedicated for D-SPECT acquired patients (500 GB HDD)
- 24" LCD Monitor with 1920 x 1200 resolution
- Easy-to-use GUI (graphical user interface)
- Patient DICOM CD application

Note: specifications are subject to change without notice.

****Quantitative Software is NOT included****

Description for Ln 6. Accessories, Chair, Seat Belt set of 2

One pair of seat belts designed for the

D-SPECT Cardiac System.

Description for Ln 7. Accessories, Chair, Plastic Leg Cover

Washable cover for patient chair leg rest

Description for Ln 8. JASZCZAK PHANTOM FIXTURE

Holder for the Jaszczak Phantom on the D-SPECT

Description for Ln 9. Training, Applications, 3 Days, On-Site

3 days of on-site applications training that MUST be used in a consecutive day format.

It is highly recommended to dedicate 1 or 2 technologists during the entire training.